WHAT IS CLAIMED IS:

1. An ophthalmic apparatus for examining an eye to be examined, the apparatus comprising:

a photo-receiving optical system, being arranged on an inside of the apparatus and having optical members, for photo-receiving examination light reflected from the eye which is at an examination position on an outside of the apparatus;

a projection optical system, being arranged on the inside of the apparatus and having a light source, for projecting detection light toward the optical member arranged nearest to the outside of the apparatus;

a photodetector for photo-receiving reflected detection light when the light source is lit in a state where the eye is not placed at the examination position; and

abnormality detection means for detecting abnormality of the optical members based on an output signal from the photodetector.

2. The ophthalmic apparatus according to claim 1, wherein the abnormality detection means detects the abnormality based on a result of comparison between an output signal level of the photodetector when the light source is lit and a reference level.

3. The ophthalmic apparatus according to claim 1, wherein the abnormality detection means obtains a difference between an output signal level of the

photodetector when the light source is lit and an output signal level of the photodetector when the light source is not lit, and detects the abnormality based on a result of comparison between the obtained difference and a reference level.

4. The ophthalmic apparatus according to claim 1, wherein

the photodetector includes an image pickup element, and

the abnormality detection means detects the abnormality by analyzing an image picked up by the image pickup element.

5. The ophthalmic apparatus according to claim 1, wherein

the projection optical system includes any one of an optical system for projecting the examination light onto the eye and an optical system for projecting alignment light onto the eye, and

the photodetector includes any one of a photodetector for photo-receiving the examination light in the photo-receiving optical system and a photodetector for photo-receiving the alignment light.

6. The ophthalmic apparatus according to claim 1, wherein

the light source blinks at a predetermined high frequency, and

the abnormality detection means includes a filter circuit which transmits only a signal with a high frequency component from the light source.

7. The ophthalmic apparatus according to claim 1, further comprising a rotation unit which rotates the light source and the photodetector in synchronization about an optical axis.

8. The ophthalmic apparatus according to claim 1, further comprising a mobile lens for changing a position conjugate with the photodetector.

9. The ophthalmic apparatus according to claim 1, wherein the optical member, which is arranged nearest to the outside of the apparatus, includes a transparent member for separating the inside and the outside of the apparatus.

10. The ophthalmic apparatus according to claim 1, further comprising disturbance light detection means for detecting disturbance light entering from the outside based on an output signal from the photodetector when the light source is not lit.

11. An ophthalmic apparatus for examining an eye to be examined, the apparatus comprising:

a photo-receiving optical system, being arranged on an inside of the apparatus, for photo-receiving examination light reflected from the eye which is at an examination position on an outside of the apparatus;

a photodetector arranged at a position capable of photo-receiving light entering the inside of the apparatus; and

a disturbance light detection unit which detects disturbance light entering the inside of the apparatus based on an output signal from the photodetector or in a state where the eye is not placed at the examination position.

12. The ophthalmic apparatus according to claim 11, wherein the photodetector includes a photodetector for photo-receiving the examination light in the photo-receiving optical system or a photodetector for photo-receiving alignment light.